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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

10

Application Number

10/089,467

Filing Date

March 27, 2002

First Named Inventor

Dean et al.

Art Unit

3737

Examiner Name

Unknown

Attorney Docket Number

CWRZ 200285US (old); 28728-65 (new)

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	- Assignment
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	- Request to Change Power of Attorney
	<input type="checkbox"/> Landscape Table on CD	- Statement Under 37 CFR 3.73(b)
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Benesch, Friedlander, Coplan & Aronoff LLP		
Signature			
Printed name	Todd L. Sladek		
Date	April 14, 2005	Reg. No.	53,768

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Leslie Ann Kuder	Date	April 14, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Dean et al.
Title : METHOD AND APPARATUS FOR PRODUCING AN IMPLANT
Application No. : 10/089,467
Filing Date : March 27, 2002
Attorney Docket No. : CWRZ 200285US (old); 28728-65 (new)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8*

I hereby certify that the below-identified papers are being deposited with the United States Postal Service with sufficient postage as "FIRST CLASS MAIL" on April 14, 2005 in an envelope addressed to: Commissioner for Patents , P.O. Box 1450, Alexandria, Virginia 22313-1450

Leslie Ann Kuder

(type or print name of person mailing paper)

Items enclosed herewith:

- 1. Transmittal Form**
- 2. Request to Change Power of Attorney**
- 3. Power of Attorney to Prosecute Applications before the USPTO form**
- 4. Statement Under 37 CFR 3.73(b)**
- 5. Copy of Assignment**
- 6. Request to Change Attorney Docket Number; and**
- 7. Return Receipt Postcard**



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Dean et al.
Title : METHOD AND APPARATUS FOR PRODUCING AN IMPLANT
Application No. : 10/089,467
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST TO CHANGE POWER OF ATTORNEY

Dear Sir:

Case Western Reserve University, the assignee of the entire right, title and interest in the above-named patent application, hereby requests a change in Power of Attorney. This request is supported by the accompanying signed documents:

1. Power of Attorney to Prosecute Applications before the USPTO; and
2. Statement Under 37 C.F.R. 3.73(b)

Please send all correspondence in this case to Customer No. 21130. If any fees are required by this communication, please charge the same to our Deposit Account No. 02-2051 and reference 28728-65.

Respectfully submitted,

Dated: 4/14/2005

By: Todd L. Sladek

Todd L. Sladek
Reg. No. 53,768
BENESCH, FRIEDLANDER,
COPLAN & ARONOFF LLP
2300 BP Tower
200 Public Square
Cleveland, Ohio 44114
Phone: (216) 363-4491



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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:



Practitioners associated with the Customer Number:

21130

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:



The address associated with Customer Number:

21130

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Fax

Assignee Name and Address:

Case Western Reserve University
10900 Euclid Avenue
Cleveland, Ohio 44106

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	4-15-05	
Name	Dominick Frollini		Telephone	216-368-6124
Title	Assistant Vice-President for Technology Transfer			

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Case Western Reserve University

Application No./Patent No.: 10/089,467 Filed/Issue Date: March 27, 2002

Entitled: METHOD AND APPARATUS FOR PRODUCING AN IMPLANT

Case Western Reserve University, a University
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012800, Frame 0305, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Signature]
Signature

3-16-05
Date

DOMINICK R. FROLLINI
ASSISTANT VICE PRESIDENT
TECHNOLOGY TRANSFER OFFICE
CASE WESTERN RESERVE UNIVERSITY

216-368-6837
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

Whereas, We, Howard D. Dean (also known as H. David Dean), of 19801 Malvern Road, City of Shaker Heights, County of Cuyahoga, and State of Ohio; Krishnamoorthy (N.M.I.) Subramanyan, of 7305 Popham Place, City of Solon, County of Cuyahoga, and State of Ohio; and Alexandros T. Moullas, of 2089 Fairview, City of Cleveland, County of Cuyahoga, and State of Ohio, having invented certain new and useful improvements in:

METHOD AND APPARATUS FOR PRODUCING AN IMPLANT

for which we are about to make application for Letters Patent of the United States, the said application having been executed by us on this 18 day of March, 2002, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, sell, assign, and transfer unto **CASE WESTERN RESERVE UNIVERSITY**, an Ohio corporation, having a principal place of business at:

10900 Euclid Avenue
Cleveland, Ohio 44106

the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.

We therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said:

CASE WESTERN RESERVE UNIVERSITY

for its sole use, and that of its successors, and assigns.

Signed at CLEVELAND, Ohio on this 18 day of MARCH,
2002.

Howard D. Dean
Howard D. Dean

STATE OF OHIO)
COUNTY OF CUYAHOGA) SS


Personally appeared before me this day, the above named Howard D. Dean, to
me personally known, who acknowledged that he signed the foregoing instrument for
the uses and purposes therein mentioned, and that the same is their free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this
18 day of MARCH, 2002.

Philip C. Aftoora
Notary Public

(Seal)

PHILIP C. AFTOORA
Notary Public for the State of Ohio
My Commission Expires July 18, 2006


Krishnamoorthy (N.M.I.) Subramanyan

COUNTY OF Cuyahoga)

In testimony whereof, I have hereunto set my hand and affixed my seal, this 18 day of March, 2002.


Notary Public

PHILIP C. AFTOORA
Notary Public for the State of Ohio
My Commission Expires July 18, 2008

Signed at Cleveland, Ohio on this 18 day of March, 2002.

Alexandros T. Moullas
Alexandros T. Moullas

STATE OF OHIO)
COUNTY OF Cuyahoga) SS

Personally appeared before me this day, the above named Alexandros T. Moullas, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is their free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 18 day of March, 2002.

Philip C. Aftoora
Notary Public

(Seal)

PHILIP C. AFTOORA
Notary Public for the State of Ohio
My Commission Expires July 18, 2006